PTO/S8/08a (05-03)

Approved for use through 04/39/2003. OAB 0651-0031 U.S. Petent and Trademark Office; U.S. DEPARTMENT OF COMMERCE at of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Complete if Known Application Number 09/890,570 Filing Date 09/25/2001 First Named Inventor **ROLAND G HILL** Art Unit 1734

(Use as many shouts as necessary

1 1 2003

Substitute for form 1449A/PTO

Lorengo, Jerry A. Attorney Docket Number 082127-0268453 Sheet

Examiner Name

		U. S. PATENT	DOCUMENTS	
Examiner C Initiats*	its Document Number (c.1) Number-Kind Code ² (# known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Pages Amplian
-11G		E 5/22/2001	HILL	
414	US- 6,267,052 I	7/31/2001	HILL et al.	
Tiller	US- 6,212,805 E	4/10/2001	HILL	
301	US- 6,210,776 F	4/3/2001	HILL	
29/11	US- 5,830,529	11/3/1998	ROSS	
alex	US- 5,773,110	6/30/1998	SHIELDS	
THUI	^{US-} 5,609,938	3/11/1997	SHIELDS	
1700	US- 4,925,705	5/15/1990	HILL	
THE	us- 4,102,101	7/25/1978	NIELSEN et al.	
7	US			
	US-			
	U\$-			
	US-			
	US-			

FOREIGN PATENT DOCUMENTS								
Examiner Cite Initials* No.1		Foreign Patent Document			Publication Date	Name of Patentee or	Pages, Columns, Jines,	مر
	Country Cod	e ³ -Number ⁴ -Kind Code ⁵ (# known)		MM-DD-YYYY	Applicant of Cited Document	Windye Relevant Patusages or Relevant Propres Appear		
16		GB	2118096	Α	10/26/1983	CAMPBELL et al.	1	
THE		GB	2174383	A	11/5/1986	SLAVIN et al.	1	
711,1	}	GB	2188873	Α	10/14/1987	HILL	1	
1961		GB_	2165292	A	4/9/1986	CAMPBELL et al.	1	
M		JP	51033723	Α	3/29/1978	HIDEAKI	1	
7 11			2011					

Exeminer Considered Signature

"EXAMINER: Milist If reference complianed, whether or not citation is in conformance with MPEP 609. Draw tine through citation if not in conformance and not considered, the copy of this form with next communication to applicant. Applicant's unique citation designation number (optional). See Kinds Codes of USPTO Patent Documents at www.histio.gov or MPEP 901.04. Senter Office that issued the document, by the two-letter code (WIPO Standard ST.3). For Jepanese patient documents, the indication of the year of the reign of the Emperor must precede the serial number of the petent document. Wind of document the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the Individual case. Any comments on the smount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P. . Box 1450, Alexandria, VA 22313-1450.

PTO/SB/08a (05-03)

Approved for use through 04/30/2003. CMB 0651-0031
U.S. Patent and Tradement Office; U.S. DEPARTMENT OF COMMERCE the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Substitute for form 1449A/PTO

UŞ-

Complete if Known Application Number 09/890,570 RECEIVED Filing Date 09/25/2001 First Named Inventor **ROLAND G HILL** AUG 14 Art Unit 1734 **Examiner Name** Lorengo, Jerry A. Attorney Docket Number 003437 0350453

	070	Danis and Advantage	U. S. PATENT	Name of Patentee or	Pages, Columns, Lines, Where
Examiner hiliais*	Ct9 20.	Document Number	Publication Date MM-DD-YYYY	Applicant of Cited Document	Relevant Passages of Relevant
104913	NO.	Number-Kind Code ^{2 (Flanours)}	mar-ob-1111	A CALLO COLLINOIS	Figures Appear
		US-			
		US-		1	
		US-			
	_	US-			
	 -	US-			
		US-			
	_	US-		1	
	1	US-			

		FOREIGI	N PATENT DOCL	JMENTS		
Examiner Cite Initials* No.1	Foreign Patent Document Country Code ³ Number ⁴ Nind Code ³ (#known)		Publication Oate	Name of Patentee or Applicant of Cited Document	Pages, Columns Lines. Where Alexand Pages Appear	
			MM-DD-YYYY			ľ
	wo	98/43832	10/8/1998	PEARSON	1	Ш
	wo	98/17480	4/30/1998	HILL et al.	+	
	wo	97/47481	12/18/1997	MUELLER et al.		
	wo	97/25213	7/17/1997	HILL	1	
	wo _	97/1/54/53	5/1/1997	HILL		
		WO WO WO	Cite No. 1 Country Code Number Clind Code (if known) WO 98/43832 WO 98/17480 WO 97/47481 WO 97/25213	Foreign Patent Document	No. Country Code ³ Number Kind Code ³ (#known) MM-DD-YYYY Applicant of Cited Document	Cite Foreign Patent Document Publication Date Name of Patentee or Applicant of Cited Document Page, Columns Lines, Whiteful Broadle Vinter of Cited Document Vinter of Page, Columns Lines, Whiteful Broadle Vinter of Cited Document Vint

Examiner Signature Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered, include copy of this form with next communication to applicant. Applicant's unique citation designation number (optional). See Kinds Codes of USPTO Patent Documents at www.fusto.gov or MPEP 901.04. Enter Office that issued the document, by the two-latter code (WIPO Standard ST.3). For Japanese patent documents the indication of the year of the retire of the exproprists symbols as indicated on the document under WIPO Standard ST. 16 if possible. Applicant is to place a check mark here if English tanguage Translation is effective.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiatily is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any poments on the emount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief information Officer, U.S. Department of Commerce, P.O. Sox 1450, Alexandria, VA 22313-1450, DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patente, P.O. Box 1450, Alexandria, VA 22313-1450.